Water stoP - 206®

(Patent pending)

USER'S MANUAL

Edition September 2006 – Vers. 02
ASSEMBLAD S.r.l. – Technical office - Automotive Division
Marte - C:\anno2006\Manuali Operativi Servizio\Vari\M206-GB-02.doc & pdf

CE

GB

1 – Connection to the gas analyzer.

- Put vertically the **Water stoP-206**, as indicated in Fig. 1, near the input connection gas of the gas analyzer that we want to protect.
- Connect with adequate pipe the gas analyzer to the **Water stoP-206** upper connection - Ref 01 - (Output to ANALYZER)
- Connect the gas probe to the lower part of the **Water stoP-206** - Ref 02 - (Input from EXHAUST) (##).

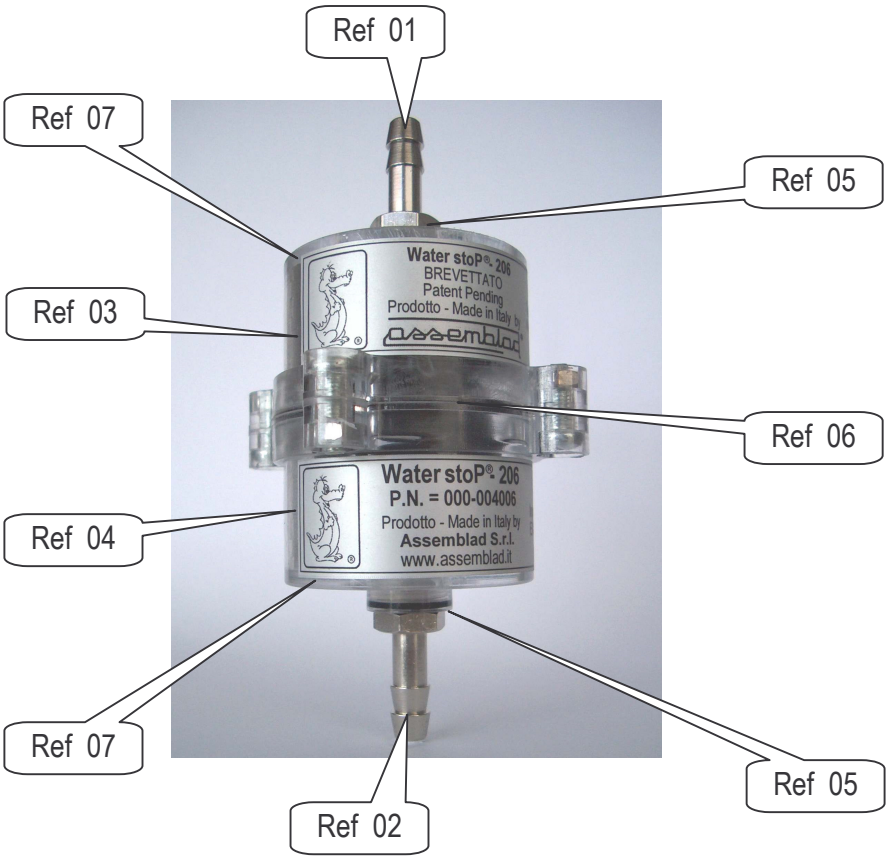

Fig. 1 – Main components of **Water stoP – 206**

The **Water stoP-206** is supplied with the attacks/connections for rubber tube Φ int. 6 milimeter (01 Ref. and 02 Ref. = standard version), other connections are supplyed upon request at the moment of the order (fast-connection available for plastic tubes, etc…) always with thread attack from 1/8 of inch.

Note (##): We suggest to interpose, between the input Ref 02 and the gas probe, a paper filter or a filter condenses in order to eliminate the rough parts from the exhaust or the surrounding atmosphere that, for effect of the aspiration of the analyzer pump, could penetrate inside of the **Water stoP-206** and compromise the airtight.

2 – Operation.

We remember you that the **Water stoP-206** must be placed in a vertical position, as indicated in Fig. 1, and we strongly suggest to fix it to the analyzer or to the support trolley, using i:e a biadhesive tape or coupling, etc…

When the analyzer through the probe gas aspirates only gas from the exhaust the **Water stoP-206** remains practically inactive and it does not interfere with the flow of gases. If, together with the gas, also any liquids arrive (§), or even only condensed water (§), the floater of the **Water stoP-206** goes up till contacting with the gasket and closing every flux of gas and water to the analyzer (@@) .

When the **Water stoP-206** stops, the analyzer in put in condition of "Low flow" or "No flow" or "Error...." and the anomaly will alarm the operator and stopping the aspiration pump.

Then to operator must stop the analyzer pump, remove the **Water stoP-206** from the analyzer and expel all the water that has been stopped inside. Normally it is necessary to remove the **Water stoP-206** from the analyzer because the depression created inside maintains closed the system of the **Water stoP-206**.

Every time after the **Water stoP-206** is activated it is suggested to remove also the probe gas and to the eliminate the water eventually still inside.

Note (§): Inner capacity and/or inner Volume of operation is approximately 30 millilitre of water.

Note (@@): Some traces of water or gas could continue towards the analyzer if the inner parts of the **Water stoP-206** have not been protected and/or maintained clean, however the amount in transit well be derisory and however dispose of from the system of water-drainage previewed on all the analyzers. In this case we suggest to clean up or to replace eventual parts damaged of the **Water stoP-206**.

3 – Spare parts for Water stoP-206

Ref. 01/02 - P.N. 970-000260 - Connection for rubber tube Φ int. 6 millimetres (supply standard)
Ref. 01/02 - P.N. 970-001010 - Connection Super-fast Φ ext. 6 millimetres . (on request)
Ref. 03 - P.N. 301-030200 - Seal ring
Ref. 04 - P.N. 692-004006 - Floating ball
Ref. 05 - P.N. 793-150080 - ORing model OR 2037 (use only with P.N. 970-000260)
Ref. 06 - P.N. 793-150150 - ORing model OR 3168
Ref. 07 - P.N. 301-030000 - Transparent half side

4 - WARRANTY

- This device was built with care and carefully inspected before leaving the factory. It is guaranteed for 18 months from the date of purchase.
- The warranty covers any defects in materials.
- The warranty does not cover damage caused by accidents, negligence, improper use, non-compliance with the instructions.
- Any return of goods must be authorized from Assemblad.
- ASSEMBLAD disclaims any liability for damages and injuries caused, even to third parties, by an improper installation.
- Further, ASSEMBLAD disclaims any claim for damages from anyone due to a miss utilization of the device for any reason.
- The warranty shall immediately become invalid if the device shows any signs of tampering.
- The exclusive court of jurisdiction for any disputes arising from the application and/or interpretation of this warranty is the Court of Florence (Italy).

File: Marte-C:\anno2006\.....\M206-GB-02.doc \ pdf

COPYRIGHT by **ASSEMBLAD S.r.l.**
Via Marzabotto, 4 - 50013 Campi Bisenzio - Firenze - ITALY
Tel. +39 055 890485 Fax +39 055 890496

All the rights are reserved - Any reproduction is not admitted
without Assemblad written authorization

and

are Registered Trademark from Assemblad